

CHEMLUBE® 645 SYNTHETIC IMPREGNATING LUBRICANT

Applications:

Chemlube 645 is a fully synthetic impregnation lubricant for the powder metal manufacturing and motor manufacturing industries. Chemlube 645 provides superior anti-wear properties and can be used as a general purpose lubricating oil.

Chemlube 645AW has been formulated with additional anti-wear additives to provide higher load carrying protection.

Typical Industrial Applications:

- Impregnating Lubricant
- Appliances
- Moving Picture & Slide Projectors
- Small Power Tools
- Automotive Accessory Motors
- Timers
- Business Machines
- Electric Motors

Performance Benefits:

- Low evaporation rate; bearings in electric motors last longer
- Excellent oxidation stability, no deposits will form at shaft and bearing juncture
- Wide temperature range – offers extended life from -40 to 400°F
- Resists “pumping” – the oil migrates slowly out of the bearing to extend motor life

TYPICAL PROPERTIES	TEST METHOD	Chemlube 645	Chemlube 645 AW
Viscosity @ 40°C, cSt	ASTM D445	60.4	61
Viscosity @ 100°C, cSt	ASTM D445	11.0	11
Viscosity Index	ASTM D2270	176	180
Flash Point, °C/°F	ASTM D92	245/473	245/473
Pour Point, °C/°F	ASTM D97	-59/-75	-59/-75
Fire Point, °C/°F	ASTM D92	285/545	285/545
Neutralization No.	---	0.7	0.7
Evaporation 22.5 hrs. @210°F, %	---	4	4
Evaporation 6.5 hrs. @400°F, %	---	0.7	0.7
Specific Gravity	ASTM D1298	0.91	0.91

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HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



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